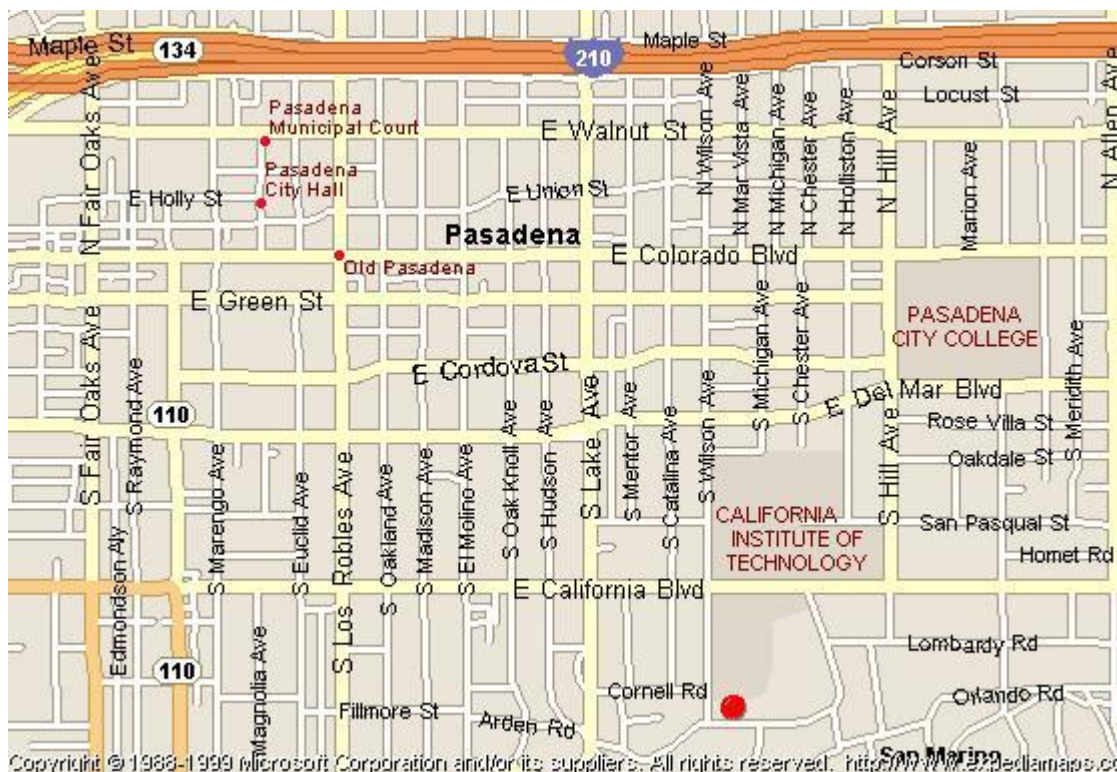
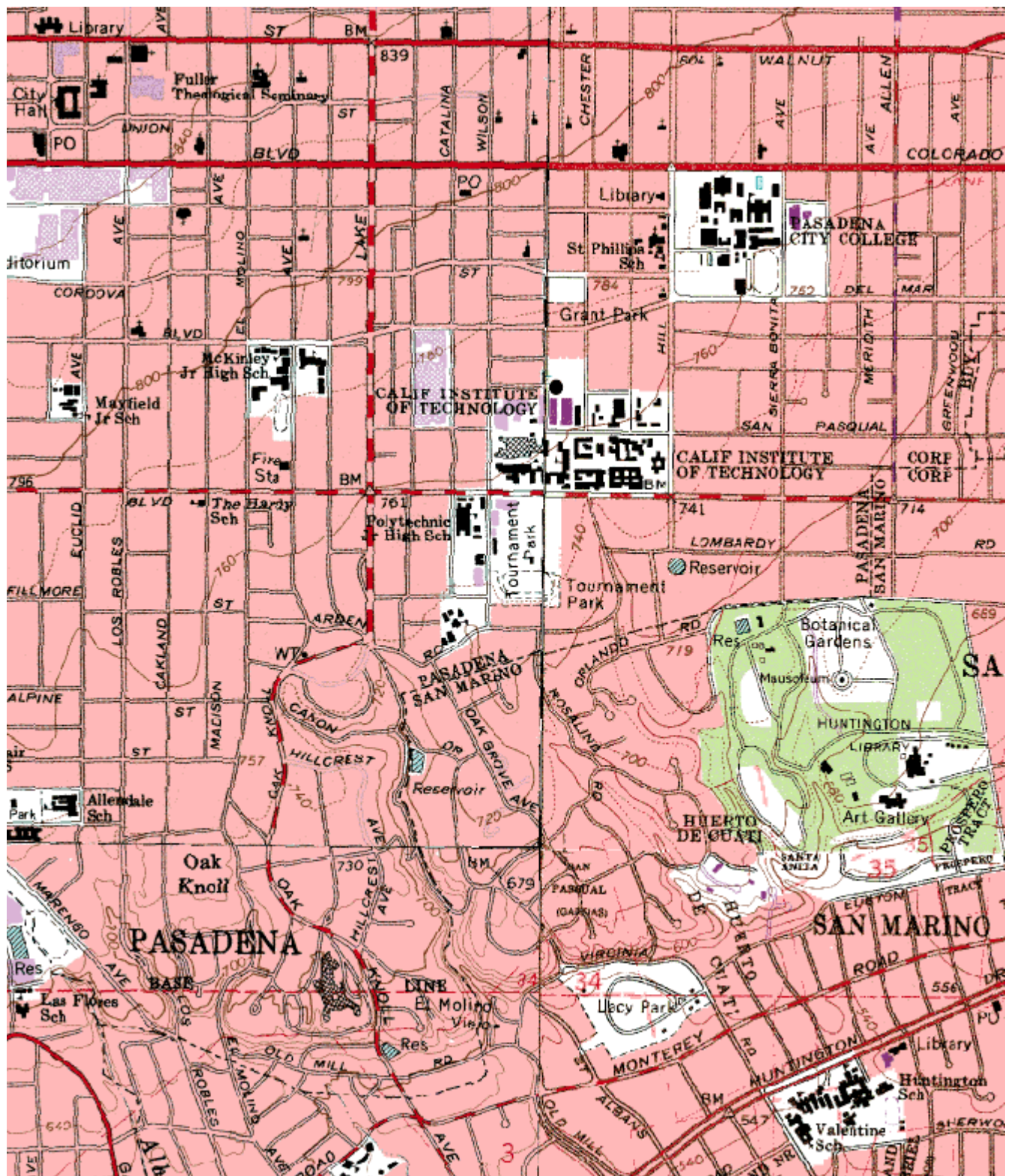


Quality Assurance Site Survey Report for Pasadena

Last updated: May 15, 2016



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code		
060372005	70088	04/1982	South Coast AQMD (061)		
Site Address	County	Air Basin	Latitude	Longitude	Elevation
752 S Wilson Ave Pasadena, CA 91702	Los Angeles	South Coast	34° 07' 57"N	118° 07' 37"W	226



Detailed Site Information

Local site name	Pasadena			
AQS ID	060372005			
GPS coordinates (decimal degrees)	Latitude: 34° 07' 57" Longitude: 118° 07' 37"			
Street Address	752 S Wilson Ave, Pasadena, CA 91702			
County	Los Angeles			
Distance to roadways (meters)	66			
Traffic count (AADT, year)	< 5,000 / 2012			
Groundcover (e.g. asphalt, dirt, sand)	Grass			
Representative statistical area name (i.e. MSA, CBSA, other)	31080-Los Angeles-Long Beach-Anaheim, MSA			
Pollutant, POC	Carbon Monoxide, 1	Nitrogen Dioxide, 1	Ozone, 1	24 Hour PM2.5, 1
Parameter code	42101	42602	44201	See Table 26
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Highest Concentration	Population Exposure	Population Exposure
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Instrument manufacturer and model	Horiba APMA 370	Thermo 42i	Teledyne 400E	Andersen RAAS PM2.5
Method code	158	074	087	780, 120
FRM/FEM/ARM/other	FRM	FRM	FEM	FRM
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e. weigh lab, toxics lab, other)	N/A	N/A	N/A	SCAQMD
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Middle	Middle	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	04/1982	04/1982	04/1982	04/1982
Current sampling frequency (e.g. 1:3, continuous)	1:1	1:1	1:1	1:3
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	N/A	1:3
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	5.0	5.0	5.0	2.8
Distance from supporting structure (meters)	2.1	2.1	2.1	1.9
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	13 (Height 15)	13 (Height 15)	13 (Height 15)	13 (Height 15)

Distance from trees (meters)	6 (Height -1)	6 (Height -1)	6 (Height -1)	6 (Height -1)
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	Teflon	N/A
Residence time for reactive gases (seconds)	5.2	5.7	6.1	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	Yes
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly	Nightly	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	09/13/2015	09/13/2015	09/13/2015	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	N/A	04/17/2015, 11/06/2015

**Pasadena
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Pasadena
Site Photos (Cont.)**



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.